

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant(s): Hatim M. CARIM

Group Art Unit: 3762

Serial No.: 10/623,359

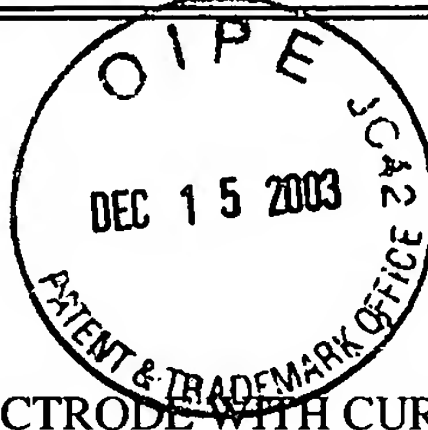
Examiner: Unassigned

Confirmation No.: 5048

Filed: 18 July 2003

Docket No.: 58108US002

Title: BIOMEDICAL ELECTRODE WITH CURRENT SPREADING LAYER



Assistant Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

We are transmitting the following documents along with this Transmittal Sheet (which is submitted in triplicate):


- ☒ An itemized return postcard.  
☐ A Petition for Extension of Time for \_\_ month(s) and a check in the amount of \$\_\_ for the required fee.  
☒ An Information Disclosure Statement (2 pgs); copies of 0 applications; 1449 forms (2 pgs); and copies of 5 documents cited on the 1449 forms.  
☐ A check in the amount of \$\_\_, for \_\_.  
☐ A certified copy of a \_\_ application, Serial No. \_\_, filed \_\_\_\_, the right of priority of which is claimed under 35 U.S.C. §119.  
☐ Other:  
☐ Amendment ☐ No Additional fee is required. ☐ The fee has been calculated as shown:

Fee Calculation for Claims Pending After Amendment					
	Pending Claims after Amendment (1)	Claims Paid for Earlier (2)	Number of Additional Claims (1-2)	Cost per Additional Claim	Additional Fees Required
Total Claims				x \$18 =	
Independent Claims				x \$84 =	
One or More New Multiple Dependent Claims Presented? If Yes, Add \$280 Here →					
Total Additional Claim Fees Required					

Please consider this a PETITION FOR EXTENSION OF TIME for a sufficient number of months to enter these papers and please charge any additional fees or credit overpayment to Deposit Account No. 13-4895. Triplicate copies of this sheet are enclosed.

**CERTIFICATE UNDER 37 C.F.R. §1.8:** The undersigned hereby certifies that this Transmittal Letter and the paper(s), as described hereinabove, are being deposited in the United States Postal Service, as first class mail, in an envelope addressed to: Assistant Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on this 10th day of December, 2003.

MUETING, RAASCH & GEBHARDT, P.A.

By:   
 Kevin W. Raasch  
 Reg. No.: 35,651  
 Direct Dial: 612-305-1218  
 Facsimile: 612-305-1228

(LARGE ENTITY TRANSMITTAL UNDER RULE 1.8)



PATENT  
Docket No. 58108US002

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s):	Hatim M. CARIM et al.	)	Group Art Unit:	3762
		)		
Serial No.:	10/623,359	)	Examiner:	Unassigned
Confirmation No.:	5048	)		
		)		
Filed:	18 July 2003	)		
		)		
For:	<u>BIOMEDICAL ELECTRODE WITH CURRENT SPREADING LAYER</u>			

INFORMATION DISCLOSURE STATEMENT

Assistant Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In compliance with the duty imposed by 37 C.F.R. § 1.56, and in accordance with C.F.R. §§ 1.97 *et. seq.*, the materials enclosed herewith are brought to the attention of the Examiner as possibly being of interest in connection with the above-identified patent application. Per M.P.E.P. § 609, the information cited in the present Information Disclosure Statement shall not be construed to be an admission that the information is, or is considered to be, material to patentability. Consideration of each of the documents listed on the attached 1449 form(s) is respectfully requested. As this patent application was filed after June 30, 2003 copies of the U.S. patents and U.S. patent application publications listed on the attached 1449 forms have not been submitted. Pursuant to the provisions of M.P.E.P. §609, Applicant further requests that a copy of the 1449 form(s), marked as being considered and initialed by the Examiner, be returned with the next Official Communication.

It is believed that no fee is due, as this Information Disclosure Statement is filed prior to the receipt of any Action on the merits. However, in the event a fee is due, please charge any fee or credit any overpayment to Account No. 13-4895.

Information Disclosure Statement

Page 2 of 2

Serial No.: 10/623,359

Confirmation No.: 5048

Filed: 18 July 2003

For: BIOMEDICAL ELECTRODE WITH CURRENT SPREADING LAYER

The Examiner is invited to contact Applicant's Representatives at the below-listed telephone number, if they can be of any assistance during prosecution of the present application.

Respectfully submitted for

Hatim M. CARIM et al.

By

Mueiting, Raasch & Gebhardt, P.A.

P.O. Box 581415

Minneapolis, MN 55458-1415

Phone: (612)305-1220

Facsimile: (612)305-1228

CERTIFICATE UNDER 37 C.F.R. 1.8:

The undersigned hereby certifies that this paper is being deposited in the United States Postal Service, as first class mail, in an envelope addressed to: Assistant Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on this 10th day of DECEMBER, 2003.

Signature: KW Raasch

Name: KEVIN W RAASCH

10 DECEMBER 2003

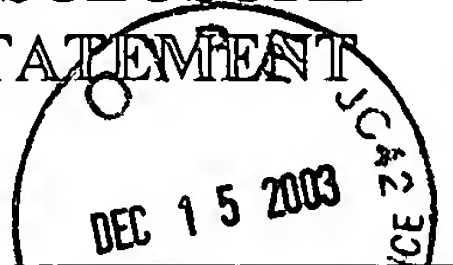
Date

By: KW Raasch

Kevin W. Raasch

Reg. No. 35,651

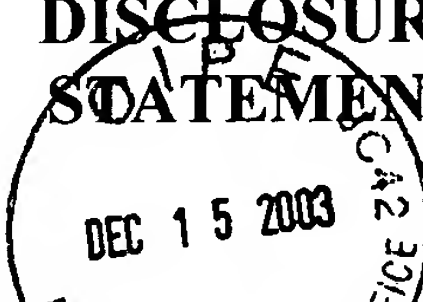
Direct Dial (612)305-1218

<b>INFORMATION DISCLOSURE STATEMENT</b> 	Atty. Docket No.: 58108US002	Serial No.: 10/623,359
	Applicant(s): Hatim M. CARIM et al.	Confirmation No.: 5048
	Application Filing Date: 18 July 2003	Group: 3762
	Information Disclosure Statement mailed: 10 December 2003	

## U.S. PATENT DOCUMENTS

Examiner Initial	Copy Enclosed	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
		4,524,087	06/18/85	Engel			
		4,539,996	09/10/85	Engel			
		4,722,354	02/02/88	Axelgaard et al.			
		4,727,880	03/01/88	Roberts			
		4,748,983	06/07/88	Shigeta et al.			
		4,771,783	09/20/88	Roberts			
		4,776,350	10/11/88	Grossman et al.			
		4,848,353	07/18/89	Engel			
		4,852,571	08/01/89	Gadsby et al.			
		4,890,622	01/02/90	Ferrari			
		4,899,754	02/13/90	Bly et al.			
		5,133,356	07/28/92	Bryan et al.			
		5,225,473	07/06/93	Duan			
		5,265,579	11/30/93	Ferrari			
		5,276,079	01/04/94	Duan et al.			
		5,330,526	07/19/94	Fincke et al.			
		5,338,490	08/16/94	Dietz et al.			
		5,385,679	01/31/95	Uy et al.			
		5,362,420	11/08/94	Itoh et al.			
		5,366,497	11/22/94	Ilvento et al.			
		5,438,988	08/08/95	Duan et al.			
		5,506,059	04/09/96	Robbins et al.			
		5,571,165	11/05/96	Ferrari			

<b>EXAMINER</b>	<b>Date Considered</b>
<p>*Examiner: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.</p>	

<b>INFORMATION DISCLOSURE STATEMENT</b> 	Atty. Docket No.: 58108US002	Serial No.: 10/623,359
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Examiner Initial	Copy Enclosed	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
		5,674,561	10/07/97	Dietz et al.			
		5,733,324	03/31/98	Ferrari			
		5,824,033	10/20/98	Ferrari			
		6,356,779 B1	03/12/02	Katzenmaier et al.			

## FOREIGN PATENT DOCUMENTS

Examiner Initial	Copy Enclosed	Document Number	Date	Country	Class	Subclass	Translation	
							Yes	No
	X	WO 97/24149 A1	07/10/97	WIPO				
	X	WO 97/24376 A1	07/10/97	WIPO				
	X	WO 97/24378 A1	07/10/97	WIPO				

## OTHER DOCUMENTS (Including Authors, Title, Date, Pertinent Papers, etc.)

Examiner Initial	Copy Enclosed	Document Description
	X	"3M XYZ-Axis Electrically Conductive Tape 9713," <i>Technical Data</i> , 3M, St. Paul, Minnesota, 1999, June; 4 pages total.
	X	"3M XYZ-Axis Electrically Conductive Tape 9712," <i>Technical Data</i> , 3M, St. Paul, Minnesota, 2001, August; 4 pages total.

<b>EXAMINER</b>	<b>Date Considered</b>
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